

Homework pg 370 # 1-6

Use a number line to add.

$$(+5)+(-6)$$

$$0+(-5)$$

$$(-2)+(-4)$$

$$(-5)+(+5)$$

$$(-8)+(+6)$$

Use a number line to add

$$(-3) + (+4) + (-6)$$

$$(+3) + (-5) + (+7)$$

$$(+6) + (-8) + (-1)$$

$$(-10) + (+6) + (-2)$$

Write the opposite integer

$(+8)$ (-5) $(+2)$ (-8)

Add each integer to its opposite in part a.

What do you notice about the sum of two opposite integers?

Add.

Look at the integer expressions and sums in part a)

$$(+8)+(+6)$$

How are they related?

How can you use this relationship to add two positive integers without a number line or calculator?

$$(+3)+(+7)$$

Check the relationship in part b by adding two positive integers of your choice.

$$(+5)+(+9)$$

$$(+1)+(+12)$$

Add

Look at the integer expressions and sums in part a)

$$(-8)+(-6)$$

How are they related?

How can you use this relationship to add two positive integers without a number line or calculator?

$$(-3)+(-7)$$

Check the relationship in part b by adding two positive integers of your choice.

$$(-5)+(-9)$$

$$(-1)+(-12)$$

Find four pairs of integers that have the sum -5 .

Find 4 pairs of integers that have the sum $+4$.